

Title (en)

Device for connection of two terminals with busbars

Title (de)

Vorrichtung zur leitenden Verbindung zweier Anschlüsse mit Stromschienen

Title (fr)

Dispositif pour une connexion électrique conductrice de deux bornes avec des barres conductrices

Publication

EP 1667286 A3 20091104 (DE)

Application

EP 05108709 A 20050921

Priority

DE 202004018757 U 20041204

Abstract (en)

[origin: EP1667286A2] The device has a contact link supported in an insulating housing (5) and including two contact legs. The link is interlockingly held in a housing (2) in usage position under pressing the contact legs on assigned bus-bars. An unlocking device (7) is integrated in the housing (5) to detach the interlock of one or two contact legs. The unlocking device is formed in clamp shape and has two clamp plates arranged parallel to each other.

IPC 8 full level

H01R 13/629 (2006.01)

CPC (source: EP US)

H01R 4/48275 (2023.08 - US); **H01R 4/4833** (2023.08 - EP); **H01R 4/4846** (2023.08 - EP); **H01R 13/633** (2013.01 - EP US); **H01R 4/4821** (2023.08 - EP); **H01R 4/4837** (2023.08 - EP); **H01R 31/08** (2013.01 - EP US)

Citation (search report)

- [A] EP 0893859 A2 19990127 - FINDER SPA [IT]
- [A] EP 1353407 A1 20031015 - WEIDMUELLER INTERFACE [DE]
- [A] EP 1309036 A1 20030507 - OMRON TATEISI ELECTRONICS CO [JP]
- [A] WO 0031830 A1 20000602 - SUPPLIE & CO IMPORT EXPORT INC [CA], et al

Cited by

FR3029703A1; CN107004999A; FR3005233A1; EP1715547A3; EP3487006A1; FR3073987A1; EP3176876A1; US9859649B2; US9991633B2; EP4016743A1; WO2016005215A1; WO2016092163A1; US10418758B2; EP4016743B1; EP3116067B1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1667286 A2 20060607; **EP 1667286 A3 20091104**; **EP 1667286 B1 20111228**; AT E539468 T1 20120115; DE 202004018757 U1 20060413; US 2007082551 A1 20070412; US 7232324 B2 20070619

DOCDB simple family (application)

EP 05108709 A 20050921; AT 05108709 T 20050921; DE 202004018757 U 20041204; US 28182105 A 20051117